

Please substitute the following claim 27 for the pending claim 27:

<sup>B3</sup> 27.<sup>b</sup> (Once amended) The method of claim 26,<sup>5</sup> wherein the chelator is bathocuproine.

Please substitute the following claim 42 for the pending claim 42:

<sup>B4</sup> 42.<sup>a</sup> (Once amended) The pharmaceutical composition of claim 41,<sup>8</sup> wherein the chelator specific for the reduced form of copper is bathocuproine.

Please add the following new claims:

<sup>B5</sup> 58.<sup>10</sup> (New) A method of treating amyloidosis in a subject, said method comprising administering to said subject an effective amount of a combination of (a) a hydrophobic derivative of a chelator specific for the reduced form of copper, and (b) clioquinol; wherein said combination reduces, inhibits or otherwise interferes with A $\beta$ -mediated production of radical oxygen species.

59.<sup>11</sup> (New) The method of claim 58 wherein said chelator specific for the reduced form of copper is bathocuproine.

60.<sup>12</sup> (New) A method of treating amyloidosis in a subject, said method comprising administering to said subject an effective amount of a combination of (a) a hydrophobic derivative of a chelator specific for the reduced form of copper, and (b)

clioquinol; wherein said combination prevents formation of A $\beta$  amyloid, promotes, induces or otherwise facilitates resolubilization of A $\beta$  deposits, or both.

<sup>13</sup>

<sup>12</sup>

61. (New) The method of claim 60 wherein said chelator specific for the reduced form of copper is bathocuproine.

<sup>14</sup>

62. (New) A pharmaceutical composition for treatment of conditions caused by amyloidosis, A $\beta$ -mediated ROS formation, or both, comprising a hydrophobic derivative of a chelator specific for the reduced form of copper, with one or more pharmaceutically acceptable carriers or diluents.

<sup>15</sup>

<sup>14</sup>

63. (New) The pharmaceutical composition of claim 62 wherein said chelator specific for the reduced form of copper is a bathocuproine.

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